

AMENDMENTS TO THE CLAIMS

Cancel claims 6 and 15 without prejudice.

REMARKS

Reconsideration of this application is respectfully requested.

Approval of the drawing amendment filed December 26, 2002 is appreciated. A formal drawing with the approved amendments has been filed together with a separate letter to the draftsman.

Applicants invention is in a three dimensional rotor for a rotary cutter. The cutter is described in terms of planes which include various surfaces and the relationship between the planes. Two chosen planes A and B, which are both perpendicular to a plane C in a three dimensional system are parallel to each other. If planes A and B are not parallel, only one plane A or B can perpendicular plane C.

Claim 1 was rejected as anticipated by Samuel et al. Applicant respectfully traverses the rejection. Claim 1 includes the first groove wall in a first wall plane that intersects the rotor axis, a plurality of first base support surfaces that are each in a base support plane that is perpendicular to the first wall plane and wherein all the base support planes that are perpendicular to the first groove wall intersect each other. Applicant's wall planes all cross the axis 12 due to the helix angle Θ (see figure 3) and all intersect each other due to their extension away from the rotor axis and in the direction of rotation (see figure 4). Therefore, only the plurality of first base support surfaces